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The Ohio/Penn Dx PacketCluster
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February 18, 2019
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Provided by BARF80.ORG (Cleveland, Ohio)
Written/Sent from Strongsville, Ohio

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** EDITOR'S SPECIAL NOTICE: This week's bulletin was sent out earlier than normal to accommodate the late ARRL DX CW Contest announcements. Also, we wanted to provide the readers with a consolidated listing of the ARRL DX CW Contest participants.

DXCC COUNTRY/ENTITY REPORT: According to the AR-Cluster Network for the week of Friday, 8th/February, through Friday, 15th/February there were 211 countries active. Countries available: 3A, 3B8, 3B9, 3C, 3D2, 3DA, 3V, 3W, 3X, 4J, 4L, 4O, 4S, 4U1I, 4X, 5A, 5B, 5H, 5R, 5X, 5Z, 6Y, 7X, 8P, 8Q, 9A, 9G, 9H, 9J, 9K, 9M2, 9M6, 9V, 9X, 9Y, A2, A4, A6, A7, A9, AP, BV, BY, C3, C5, C6, CE, CE0Y, CE9, CM, CN, CP, CT, CT3, CU, CX, D4, DL, DU, E4, E5/s, E7, EA, EA6, EA8, EA9, EI, EK, EL, EP, ER, ES, ET, EU, EX, EY, EZ, F, FG, FK, FM, FO, FR, FY, G, GD, GI, GJ, GM, GU, GW, HA, HB, HB0, HC, HH, HI, HK, HL, HP, HR, HS, HZ, I, IS, J2, J3, J6, J7, JA, JD/o, JT, JW, JY, K, KG4, KH2, KH6, KL, KP2, KP4, LA, LU, LX, LY, LZ, OA, OD, OE, OH, OH0, OK, OM, ON, OX, OY, OZ, P4, PA, PJ2, PJ4, PJ5, PJ7, PY, PY0F, PZ, S0, S5, S7, SM, SP, SU, SV, SV5, SV9, T7, TA, TF, TG, TI, TK, TR, TY, TZ, UA, UA2, UA9, UK, UN, UR, V2, V3, V4, V5, V7, V8, VE, VK, VK0M, VP2E, VP2M, VP2V, VP5, VP8, VP9, VR, VU, XE, XW, XX9, XZ, YB, YI, YL, YN, YO, YS, YU, YV, Z2, Z3, Z6, Z8, ZA, ZB, ZD7, ZD8, ZF, ZL, ZP, ZS

* PLEASE NOTE: The report "could" contain "Pirate/SLIM" operations or more likely a "BUSTED CALLSIGN". As always, you never know - "Work

First Worry Later".

2019 AAW. The 16th Antarctic Activity Week (AAW) takes place between February 16-24th. For more details and a complete list of participating stations see: http://www.waponline.it/antarctic-activity-week/aaw-2019

3D2, FIJI. Heli, DD0VR, (along with XYL Bigi, DE3BWR) who was active as C6A/DD0VR from the Bahamas during January and February 2nd, informed OPDX that he has received his Fiji license. Look for Heli to sign as 3D2VR between September 2-9th, and September 23-27th. Activity will be on various HF bands (80-6m). QSL via his home callsign, direct or by the Bureau. ADDED NOTE: Heli will also be active from Samoa (5W) between September 9-16th and Tonga (A3) between September 16-21st. They are currently waiting for the licenses.

3W, VIETNAM (Reminder). Jean-Pierre, F6CTF, will be active as 3W9JF from two different locations in Vietnam between February 19th and April 6th. His schedule is as follows:

February 19th-March 6th -- From Phu Quoc Island (AS-128)
March 16th-April 6th -- From Hoi An

Activity will be on 80/40/20/17 meters using CW and SSB. QSL via EA5GL or eQSL.

3Y0I BOUVET DXPEDITION NEWS. Again nothing has been posted on any of the 3Y0I media Web pages during the past three weeks. Last post was on January 25th. It has been very quiet.

The DX community continues to be anxious for this DXpedition to take place. Nothing else to report this week and no other details. Departure dates are still not known. It is still a mystery...

If things change, we will send out a special bulletin. Remember, it takes 12 days to get to Bouvet from South Africa, and they plan to stay on the island for at least 2 weeks if the weather cooperates. The 3Y0I DXpedition's band plan frequencies (160-6m) and modes (CW/SSB/FT8) can be found at: https://www.rebeldxgroup.com
https://bouvetoya.org/3yoi-bandplan

QSL via ClubLog's OQRS (preferred), LoTW or via 3Z9DX. For more details and updates, we suggest to watch the following Web pages:

https://bouvetoya.org
https://www.rebeldxgroup.com
http://jouban.jp/3y0i_ja (For JA stations)
https://www.facebook.com/bouvetoya.org
https://www.facebook.com/rebeldxgroup
https://twitter.com/Bouvetoyaorg

9U, BURUNDI (Reminder/Update). Shabu, M0KRI, is now in Burundi and is expected to be on the air as 9U4RI until February 25th. He will be in Bujumbura City until February 18th and spend the remaining 7 days away from the civilization in the Heha Mountains. Activity will be on 40-10 meters, including the WARC-79 bands, using CW, SSB, and PSK31. His equipment consists of an ICOM 706Mk2G & a Kenwood TS480SAT into Spiderbeam. QSL via M0KRI, direct, LoTW and ClubLog.

9U, BURUNDI. Shabu, M0KRI, will be active as 9U4RI from Burundi between February 15-25th, 2019. Activity will be on 40/30/20/17/15/10 meters using CW, SSB and PSK31. Shabu states, "Look out mostly around 14.222 kHz for voice and very lower end of 40m and 20m for CW. I will be more active on CW than on voice." QSL via M0KRI direct.

C5, THE GAMBIA (Update). Don, G3XTT, will be in The Gambia from March 5-12th. He will mainly operate in the RSGB Commonwealth Contest over the weekend of March 9-10th. The callsign will be C56DF, and Don hopes to do some operating before and after the contest. This will be a CW only operation, low power (IC-7300 and wires) from a rooftop apartment. It is unlikely there will be space for 80 or 160m antennas, but Don hopes to use the trip to recce possible opportunities for a larger operation later in the year or early next year. He will, of course, upload logs to LoTW and ClubLog, but possibly only after his return to the UK. QSL direct to Don's home callsign or via ClubLog's OQRS.

C6, BAHAMAS. Operators Tom/N1GN and William/NE1B will be active as C6ANM from Nassau (NA-001, FL15) during the ARRL International DX CW Contest (February 16-17th) as a Multi-Single entry. QSL via LoTW.

CR3/CT9, MADEIRA ISLANDS. Operators Ulrich/DJ2YA, Tom/DL5LYM, Hans/DL5WS and Frank/DL8WAA will be active as CR3W from Santana, Madeira Island (AF-014) during the ARRL International DX CW Contest (February 16-17th) as a Multi-Single entry. QSL CR3W via DL5AXX, OQRS (see QRZ.com) or LoTW. Look for operators to be active outside of the contest as CT9/homecall on 160-10 meters using CW, SSB and RTTY. QSL via their home callsigns.

D4, CAPE VERDE. Operators Helmut/DF7EE, Andrea/HB9DUR, Marco/IK2LFF, Kris/YL3JA and Ljubomir/YU5EEA will be active as D4C from Cape Verde Island during the CQWW WPX SSB Contest (March 30-31st) as Multi-Op entry. Operators HB9DUR and YU5EEA are YOTA members. QSL info: http://d4c.cc/qsl

DU, PHILIPPINES. Press, N6SS, will be active as DU6/N6SS during the CQWW WPX SSB Contest (March 30-31st) as a Single-Op/Single-Band (80m) entry. QSL via his home callsign.

E5, SOUTH COOK ISLANDS (Update). Hans-Martin, DK2HM, will be active as E51HMK from Rarotonga Island (OC-013) [on the north-west side of the island], South Cook Islands between March 14-22nd. Activity will be holiday style on 80-10 meters using mainly SSB, but also Digital modes (FT8). Equipment will be an Icom IC-706MK2G with a HLA300+PA into a Windom Dipole (80-10m) and an EFHW 80-10 longwire by "MyAntennas". QSL via his home callsign, direct, by the Bureau, LoTW, ClubLog's OQRS or eQSL. For more details and updates, see: http://southcook2019.com
Also watch Twitter at: https://twitter.com/@e51hmk

E5, NORTH AND SOUTH COOK ISLANDS. Operators Dagmar/DM7PQ, and Rainer/DL1AUZ will be active as E51NPQ and E51AUZ, respectively, during March and April. Activity will be from the following scheduled islands:

March 9-11th -- Rarotonga Island (OC-013), South Cook Islands
March 13-25th -- Manihiki Island (OC-014), North Cook Islands
March 27-31st -- Aitutaki Island (OC-083), South Cook Islands
April 2-11th -- Rarotonga Island (OC-013), South Cook Islands

Activity will be holiday style on various HF bands. QSL via their home callsigns. Watch QRZ.com for possible updates.

FK, NEW CALEDONIA (Reminder). Arnaud, JG1XMV, will once again be active as FK/JG1XMV from New Caledonia between February 23rd and March 10th. He will have his friend Yves, FK4RD, again with him. His activity will be from Grand Terre Island (OC-032), but may also visit Lifou (OC-033) and Mare (OC-033) islands during his stay. Operations will be on 40/20/17/15 meters SSB. QSL via home call direct, LoTW and eQSL.

FR, REUNION ISLAND. As this was being written, Vlad, UA4WHX, was active as FR/UA4WHX from Reunion Island (AF-016). He says his QTH is a remote site (1500m ASL) in the Belouve National Park (Gite de Belouve). As always, the length of his stay is unknown. Look for activity to be on 40/30/20/17 meters using mostly CW with some SSB. QSL via UA4WHX.

FY, FRENCH GUIANA. Operators Didier/FY5FY, Herve/F5HRY and Laurent/F6FVY will be active as FY5KE from French Guiana during the ARRL International DX CW Contest (February 16-17th) as a Multi-Single/Low-Power entry. QSL via LoTW or direct via FY1FL.

HB0, LIECHTENSTEIN. Two members of the AFVL (Amateurfunk Verein Liechtenstein) will be active as HB0A from a mountain location 1500m ASL (which is covered with more than one meter of snow) in Liechtenstein during the ARRL International DX CW Contest (February 16-17th) as a Multi-Single/High-Power entry. Operators mentioned are Rens/PA3FGA and Aurelio/PC5A. QSL via LoTW.

HI, DOMINICAN REPUBLIC. David, WJ2O, is now active as WJ2O/HI3 from Puerta Plata in the Dominican Republic (NA-096) until February 20th. Activity will be on various HF bands, including an entry in the ARRL International DX CW Contest (February 16-17th). QSL via N2ZN or LoTW.

HQ/HR, HONDURAS. Dennis, W1UE, will be active as HQ9X during the ARRL International DX CW Contest (February 16-17th) as a Single-Op/All-Band/High-Power/Assisted entry. Also, operators Dennis/W1UE and Radoslav/N2WQ will be active as HQ9X during the CQWW 160m SSB Contest (February 22-24th). QSL HQ9X via KQ1F or W1UE. Operators will be active outside of the contest signing homecall/HR9, and will be there between February 13-26th. QSL via their home callsigns.

IOTA NEWS.....

NA-049. Jean, VE2FDJ, will be active as 5J0JC from Providencia Island, Colombia, between February 15-27th. Activity will be on 80/40/20/6 meters using SSB. QSL via VE2FDJ, direct or by the Bureau.

SA-071. Junior, PY2ZA, who was expected to be active as ZY2FM from Moela Island (DIB SP-06 and DFB SP-07) and the Lighthouse (ARLHS BRA-043 and WLOTA 1335) during the American Lighthouses Weekend (February 14-17th), had to cancel his operation due to "Conditions for approaching the island remain dangerous and have not been authorized.."

PLEASE NOTE: Since the Webmasters of the new have decided NOT to post or dedicate a Web page to announce upcoming IOTA operations, PLEASE send your IOTA operations information to the OPDX, and we will post it here in an upcoming bulletin.....

MJ, JERSEY. Kazu, JK3GAD, will once again be active as MJ0CFW from Jersey (EA-013) between March 15-17th. Look for activity in the Russian DX Contest (March 16-17th). In the contest he will sign MJ5Z. QSL via LoTW, M0CFW or via the OQRS (ClubLog).

OPDX MAILING LIST (Reminder). The "new" OPDX Mailing List is back up and running! Details on how to subscribe/unsubscribe are at the bottom of this bulletin. PLEASE pass the word around.... Thanks and 73 de Tedd KB8NW

PROPAGATION FORECAST/REPORT (February 18-24th).....

Feb/18th AN	Feb/21st HN	Feb/23rd AN
Feb/19th HN	Feb/22nd AN	Feb/24th AN
Feb/20th HN		

SOLAR REFERENCE KEYS/INDEXES AND GEOMAGNETIC REFERENCE

NORMALITY	GEOMAG	K Values	Alpha
AN - Above Normal	Quiet	K=0-1	0-7
HN - High Normal	Unsettled	K=2	8-15
LN - Low Normal	Active	K=3	16-29
BN - Below Normal	Minor Storm	K=4	30-49
DIS - Disturbed	Major Storm	K=5	50-99
VRY DIS - Very Disturbed	Severe Storm	K=6-9	100-400

Meanwhile, check out the following Web sites:

* VOACAP predication Web page at: http://www.voacap.com/hf
  and http://www.voacap.com/prediction.html
* DX.QSL.NET Propagation page: https://dx.qsl.net/propagation
* A daily HF radio wave propagation forecast can be found at:
  https://www.facebook.com/thomasfranklingiellaw4hm
* SolarHam Web page: http://www.solarham.net
* Radio Propagation/Space Weather/Sunspot Cycle Information at:

http://sunspotwatch.com
* Graphic propagation tool by DR2W: http://www.dr2w.de/dx-propagation
* Point to point propagation at: http://www.predtest.uk/p2p.html
* Realtime propagation at: http://www.predtest.uk
* Also on Twitter: https://twitter.com/@GiellaW4hm

QSL INFO AND NEWS.....
QSL-INFO from DB0SDX by Lothar, DL1SBF

AO8WRD via EA3RKF (d/e)	EA5/PA7LEO via PA7LEO	PY0F via PY7RP (O/L)
C6AGU via HA7RY	ED2C via EA2CJ	R30AFC via R1AC
CT9/DL5WS via DL5WS	FM/OE3GEA via OE3GEA	RI1ANX via RK1PWA
CT9/OM7LW via OM7LW (e)	FR/UA4WHX via UA4WHX	V31HE via DL1DA
DM775FLD via DM6RAC	JD1BOW via JA0JHQ & (L)	VP2MKG via K5KG & (L)
DR70BAL via DC2CW	OE3LZA via OE1LZA	YR0WL via YO9KPB
DR7B via DL2AGB	OO5Z via ON5AZ	
EA5/G3XGS via G3XGS (d)	PJ2/WI9WI via WI9WI	

(e) eQSL only	(d) direct only	(B) Bureau only	(*-B) DX's- Bureau
(O) OQRS only	(C) ClubLog only	(L) LoTW only	(N) No QSL needed
(I) No IRC	(P) PayPal	(NB) No Bureau	

QSLS RECEIVED VIA LoTW: 9G5AR, 9LY1JM, AH7C, CT1BWU, DK1WU, DL8SCG, H33J, HC1MD/2, HH2AA, JH1LZU, P49X, PD1BHZ, PJ4P, RA3RKA, SN7Q, SP7AID, SP7HOV, TA2K, TK0C, TM16AAW, VK0AI, VO2AAA, XE1EE and ZS6BQI

QSLS RECEIVED VIA MAIL: 5Z4LS, D41CV, ET3AA, FG8OJ, HV0A, J8NY, OD5ZZ, R18GER, R18TUN, RC18RO, RI0B (AS-121), TZ4AM, VP6D, XF1F (NA-124), YI3WHR and Z81D

QSLS RECEIVED VIA THE BUREAU: NONE TO REPORT THIS WEEK!!!
--- We would like to see more QSL Bureaus (such as AS/US/SA/AF.. etc) send in their info....

T2, TUVALU (Update). Antoine, 3D2AG, will be active as T2AR from Funafuti Island (OC-015) between February 22-27th. Activity will be focused on the low bands (including 160m). QSL via 3D2AG (PayPal). Only paper logs will be used. NO LoTW or eQSL please. Digimode QSOs will be uploaded to QRZ.com after the expedition. Watch QRZ.com for updates. ADDED NOTE: Antoine states, "We have setup Tili, T2AT, to be active on FT8 mode, so please look out for his call on the bands!"

T31EU KANTON ISLAND DXPEDITION NEWS. Just a reminder that the T31EU team from Kanton Island (OC-043) will be active between February 16th and March 5th. Activity will be on 160-10 meters using CW, SSB and some FT8. QSL via DL2AWG or ClubLog's OQRS. For more details and updates, see:
http://www.kanton2019.de

TC10, TURKEY (Special Event). Members of the Giresun Amateur Radio Society (GITRAD - Giresun Telsiz Radyo Amatorleri ve Doga Sporlari Dernegi) are celebrating its 10th anniversary with the special callsign TC10GITRAD. It will be on the air until December 31st, 2019. The log will be uploaded to eQSL and LoTW regularly. For any mis-copied callsigns, please send an E-mail to TA7AZC (QRZ.com recorded). No cards are required at this end and if you need a hardcopy QSL card, please send it direct to TA7AZC (w/SASE+3GS).

VP9, BERMUDA. Kurt, W6PH, will once again be active as VP9/W6PH for the ARRL International DX CW Contest (February 16-17th) as a Single-Op/All-Band/Low-Power entry. He will leave the island on February 19th. Activity outside of the contest will only be on CW on all bands (except WARC) with 100 watts (IC7000) and low antennas (25 feet). QSL only direct to his home callsign W6PH.

XQ, CHILE. Nicolas, XQ1KZ, will be active from Antofagasta during the ARRL International DX CW Contest (February 16-17th) as a Single-Op/ Single-Band (40m) entry. QSL via XQ1KZ.

XX9D MACAO DXPEDITION NEWS. The XX9D team is once again active from Grand Coloane Resort, Macao (AS-075), until February 26th. Activity will be on 160-10 meters using CW, SSB, RTTY and FT8. QSL via DL4SVA, LoTW or Club-Log's OQRS. For more details and updates, see: http://xx9d.mydx.de

The following Press Release was posted on February 13th [edited]: XX9D is QRV! -- This DXpedition was possible by the great help of the management and staff of Grand Coloane Resort, the CTT authorities and Bom, XX9LT.

All team members including the baggage arrived well in Macau at Sunday-afternoon, February 10th. The team has fixed the complete station setup and all antennas within 24 hours. The successful inspection of CTT was on February 11th. So we were able to be on the air around 10 UTC the same day. After 48 hours of operation we have around 6500 QSOs in the log. So, this is a good starting point. A first log update to club log was made today. Still a few FT8-QSOs from F/H-mode are missing in the log. Sorry about the confusion with the pile-ups of V84SAA sometimes.

Remember it is difficult to find a good place for ham radio in Macau. We had to follow the restrictions of the hotel and the nearby golf-rang. That means limited space for antennas. All antennas were installed above the 8th store of the hotel-building. We are able to use only 30m length of the railing there. (see picture on our homepage)

For 160 and 80 m we are using wire verticals on 18 m high Spiderbeam poles with elevated radials. On 40 m we have a vertical as well, on 30m we are using a delta-loop. Unfortunately there are no receiving antennas possible. Noise level is high on all low bands. Our new wire beam from LZ-Antennas works fine on all five higher bands 20 10 m.

We have made a detailed propagation tool for the difficult parts of the world via SP and LP from here. On FT8 we are also using the F/H-mode. Please check our new actual frequencies. (7070, 14079, 18105, 21079, 24920 …)

In CW we recommend for outside US stations 1-3 kHz up and for US stations 2-3 kHz up splitting. Please don’t call only 1 up. North America has by the way our highest priority. On 160m the highest allowed transmit -

frequency for us is 1825 kHz.

Macau has an interesting Portuguese history and also the status as an world culture heritage. As You know we have 6 wives of operators with us. They take the opportunity to visit the places of interest of this tourist crowded city. Next days they plan to visit HongKong and probably China-mainland.

XZ, MYANMAR. Yuki, JH1NBN, informs OPDX that he makes frequent trips back and forth from Myanmar and Japan but they are unpredictable. By the time you read this, he will be back in Japan, but will be back very soon. However, Yuki has received a license, XZ2C, which will let him operate on 15/12/10/6 meters on all modes but must run QRP (25w). QSL via his home callsign. ADDED NOTE: He also mentioned that he hopes to activate Nepal (9N7BN) and Mongolia (JT) within the next 2-3 months. Stay tuned!

YASME NEWS (Press Release, dated February 13th). THE YASME FOUNDATION ANNOUNCES ELECTION OF A NEW DIRECTOR -- The Board of Directors of The Yasme Foundation is pleased to announce that it has elected James Brooks, 9V1YC, as the newest Yasme Foundation Director.

James was first licensed in the United States in September 1978 but has been active for the last 30 years as 9V1YC in Singapore. A BSEE graduate of the University of Texas at Austin, James owns a television post-production company based in Singapore that produces for networks such as Discovery, National Geographic, and HBO Asia. He's been a competitor at WRTC and led several DXpeditions to remote areas of the world, some of which are documented in a series of videos he's been making since 1997. James is on the council of the Singapore Amateur Radio Transmitting Society, a co-founder of the Asia-Pacific Sprint, and a member of the CQ DX Hall of Fame.

The Yasme Foundation is a not-for-profit corporation organized to support scientific and educational projects related to amateur radio, including DXing (long distance communication) and the introduction and promotion of amateur radio in developing countries. For additional information about The Yasme Foundation, visit our website at www.yasme.org.

Ward Silver, N0AX, President
The Yasme Foundation

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ZL, NEW ZEALAND. Operators Mark/ZL3AB, Geoff/ZL3GA and Phil/ZL3PAH will use the "Quake Contesters" callsign ZL3X during the ARRL International CW Contest (February 16-17th) as a Multi-2 entry. QSL via LoTW, ClubLog or direct to ZL3PAH. No Bureau.

ZR2, SOUTH AFRICA. Uli, DM5EE, will be active as ZR2A from Port Elizabeth during the ARRL International DX CW Contest (February 16-17thth) as a Single-Op/All-Band entry. QSL via LoTW or DM5EE.

The following stations are expected to be active in the
ARRL International DX CW Contest (February 16-17th, 2019)

Thanks to Bill, NG3K, for providing OPDX readers with the following consolidated listing of the participants in the 2019 ARRL DX CW Contest. For a more detailed listing (and up-to-date changes/corrections) in HTML format, please visit Bill's Web page at:

http://www.ng3k.com/Misc/adxc2019.html (By callsign)
http://www.ng3k.com/Misc/adxcd2019.html (By entity)

For the complete set of rules, see: http://www.arrl.org/arrl-dx

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Contest Callsign	DXCC Entity	Class	QSL Route
3V8SF	Tunisia	SOSB 160M	LoTW; QSL via LX1NO
8P1W	Barbados	SOAB	KU9C
8P5A	Barbados	SOAB HP	LoTW; QSL via HA1AG
AH2R	Guam	M/?	LoTW
C6ANM	Bahamas	M/S	LoTW
CO9AAA	Cuba	SO	CM1WM
CR3DX	Madeira	M/2	OM2VL; QSL via (OM-B/d)
CR3W	Madeira	M/S	DL5AXX
CT9ABR	Madeira	SO LP	OZ2I
EF9Z	Ceuta & Melilla	SO	LoTW; QSL via EA5KB
FY/DK9PY	French Guiana	SO	DK9PY
FY5KE	French Guiana	M/S	LoTW; QSL via FY1FL (d)
GM5A	Scotland	M/2	LoTW
HB0A	Liechtenstein	M/S	LoTW
HC1DW	Ecuador	SO	W0OR
HH2AA	Haiti	SOAB LP	LoTW
HQ9X	Honduras	SOAB	KQ1F or W1UE
JD1BOW	Ogasawara	SO	JA0JHQ
KL2A	USA	SOAB HP	KL2A
KP2B	US Virgin Islands	SO LP	EB7DX
KP4/N5NHJ	Puerto Rico	SO	
LN8W	Norway	M/?	LoTW; QSL via LA9VDA
MM1E	Scotland	SOAB HP	MM1E
NP4Z	Puerto Rico	SO HP	
P40E	Aruba	M/2	TBA
P40W	Aruba	SOAB	LoTW; QSL via N2MM (d)(NB)
PJ4A	Bonaire	M/2	K4BAI
PJ5/N6YEU	Saba & St Eustatius	SO	
PJ6A	Saba & St Eustatius	M/S	LoTW; QSL via N4NX
PY0F	Fernando de Noronha	M/2	LoTW; QSL via PY7RP (d/C)
SN6O	Poland	SO	LoTW; QSL via SP6PAZ (B)
T48K	Cuba	M/2	DK1WI
TI7W	Costa Rica	SOAB HP	W4FS
TO8T	Martinique	SOAB HP	LoTW; QSL via K8BKM (d/C)
V26M	Antigua & Barbuda	SO	W3HNK

V31FO	Belize	SO	(C)
V3T	Belize	M/S	LoTW; QSL via WC0W
V4/W3UL	St. Kitts & Nevis	SO LP	LoTW; QSL ia W3UL (B/d)
VE3VSM/HR9	Honduras	SO	LoTW; QSL via VE3VSM
VP2MSS	Montserrat	M/?	K1QX
VP5K	Turks & Caicos	M/?	LoTW; QSL via K0PC
VP9/W6PH	Bermuda	SOAB LP	LoTW; QSL via W6PH (d)
WJ2O/HI3	Dominican Republic		LoTW; QSL via N2ZN
XQ1KZ	Chile	SOSB 40M	XQ1KZ
YS1/AA4NC	El Salvador	SO	LoTW; QSL via EA5GL
YV1KK	Venezuela	SOAB HP	LoTW
ZF1A	Cayman Islands	M/S	LoTW; QSL via K6AM (B/d)
ZL3X	New Zealand	M/2	(C)
ZR2A	South Africa	SOAB	LoTW; QSL via DM5EE

(e) eQSL only (d) direct only (B) Bureau only (*-B) DX's- Bureau
(O) OQRS only (C) ClubLog only (L) LoTW only (N) No QSL needed
(I) No IRC (P) PayPal (NB) No Bureau

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